

ARIZONA INSTRUMENT LLC

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Certification of Instrument Calibration

Arizona Instrument Capital Equipment
3375 North Delaware Street
Chandler, AZ 85225

RMA # 2245094

This is to certify that the Jerome **X631 0001** Gold Film Hydrogen Sulfide Analyzer, Serial Number **2554**, with Sensor Number **13-7-17-R4CS**, was calibrated with standard units traceable to NIST.

Calibration Status as Received: **In Calibration**

		Actual	Calibration Gas	Allowable Range
Incoming:	Range 1	0.513 ppm H ₂ S	0.505 ppm H ₂ S	+/- 6%
	RSD %	1.16		<5%
Outgoing:	Range 1	0.500 ppm H ₂ S	0.505 ppm H ₂ S	+/- 5%
	RSD %	4.08		<3%

Calibration Status as Left: **In Calibration**

Estimated Uncertainty of Calibration System: 3.5%

Calibration Date: 10-Jul-2015

Recalibration Date: 09-Jul-2016

Temperature °F: 74.70

% Relative Humidity: 37.10

Approved By: _____

Cheryl Hradek

Date Approved: 10-Jul-2015

Title: Cheryl Hradek - Quality Control

Equipment Used:

Permeation Tube: 56-46388 NIST#: ISO13265; 072958-798-121714

Calibration Date: 24-Apr-2015 **Calibration Date Due:** 24-Apr-2016

DynaCalibrator: MU-1221 NIST#: 15-2545

Calibration Date: 14-May-2015 **Calibration Date Due:** 15-May-2016

Digital Multimeter: 89990030 NIST#: 7000660

Calibration Date: 14-Apr-2015 **Calibration Date Due:** 14-Apr-2016

Flowmeter: US04H25956 NIST#: 1813; 1817; 1796

Calibration Date: 20-May-2015 **Calibration Date Due:** 20-May-2016

Estimated Uncertainty of Calibration: 3.5%

Calibration Procedure Used: 730-0032

Arizona Instrument certifies that the above listed instrument meets or exceeds all published specifications and has been calibrated using standards whose accuracy are traceable to the NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY within the limitations of the Institute's calibration services, or have been derived from accepted values of natural physical constraints, or have been derived by the ratio type of self-calibration techniques.

Disclaimer: Any unauthorized adjustments, removal or breaking of QC seals, or other customer modifications on your Jerome Analyzer WILL VOID this factory calibration. Because any of the above acts could affect the calibration and readings of the instrument, their certification will no longer be valid and, further, Arizona Instrument LLC WILL NOT be responsible for any liabilities created as a result of using the instrument after such adjustments, seal removal, or modifications.

As long as a functional test is within range, according to the procedure outlined in the Operator's Manual, the instrument is performing correctly.

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